

8EHQ-11-18424

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August 23, 2011



Via Federal Express

United States Environmental Protection Agency - East
Attn: TSCA Section 8(e)
Room 6428
1201 Constitution Avenue, NW
Washington, DC 20004

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2011 AUG 24 PM 12:06

Subject: Notice in Accordance with Section 8(e): Results of a Toxicity Study on Green Alga (*Pseudokirchneriella subcapitata*) with [REDACTED] **SUBSTANCE A** and [REDACTED] **SUBSTANCE B**

Dear Sir/Madam:

[REDACTED] is submitting results of a Toxicity Study on Green Alga (*Pseudokirchneriella subcapitata*) with [REDACTED] **SUBSTANCE A** and [REDACTED] **SUBSTANCE B**, conducted by [REDACTED] (NON-GLP Indicator Study). The substances are experimental pesticides.

The test was conducted in a static system over 72 hours according to the following test guidelines: "OECD Guideline for Testing of Chemicals, No. 201 (adopted March 23, 2006): Freshwater Alga and Cyanobacteria, Growth Inhibition Test."

The following nominal concentrations were tested: **0, 0.001, 0.01, 0.1, 1 mg/L**. Additionally, a positive control (without solvent) was tested.

All test solutions were visibly clear over the entire exposure period.

The test substance is a TGA. Analyses were not carried out.



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The following effect concentrations were obtained based on nominal concentrations:

SUBSTANCE A

Growth rates

NOEC	=	0.1 mg/L	
E _r C ₁₀ (72 h)	=	0.76 mg/L	
E _r C ₅₀ (72 h)	=	1.10 mg/L	(extrapolated value)

Yield

NOEC	=	0.1 mg/L
E _y C ₁₀ (72 h)	=	0.58 mg/L
E _y C ₅₀ (72 h)	=	0.80 mg/L

SUBSTANCE B

Growth rates

NOEC	=	0.1 mg/L	
E _r C ₁₀ (72 h)	=	0.46 mg/L	
E _r C ₅₀ (72 h)	=	1.34 mg/L	(extrapolated value)

Yield

NOEC	=	0.1 mg/L
E _y C ₁₀ (72 h)	=	0.24 mg/L
E _y C ₅₀ (72 h)	=	0.55 mg/L

Explanation:

The **NOEC** is the highest concentration tested with no statistical significant deviation compared to the control.

The **EC₅₀** is the concentration calculated at which the growth rate "r" resp. the yield "y" is inhibited by 50%.

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[REDACTED] understands that reporting of results from this study under TSCA 8(e) is in accordance with EPA's policy.

Please note that a confidential version of this letter is enclosed, treating the chemical identity and company identity as Confidential Business Information.

A Confidentiality Substantiation Questionnaire is being submitted.

Sincerely,

Enclosures